

Title (en)

Electrolytic cell for recovering metal from solution

Title (de)

Elektrolytische Zelle für die Rückgewinnung von Metallen aus Lösungen

Title (fr)

Cellule d'électrolyse pour la récupération de métaux de solutions

Publication

EP 0972856 A1 20000119 (EN)

Application

EP 99202119 A 19990629

Priority

GB 9815172 A 19980713

Abstract (en)

An electrolytic cell (2) for the recovery of silver from a photographic fixer solution has a cylindrical cathode (14) secured to and depending downwardly from a screw-on lid (6) of the cell into the solution. The cathode is formed from a sheet of graphite foil laminated to a polyester base, and is clamped at its upper periphery around a boss (26) of the lid. A metal connection ring (22) is embedded around the outer periphery of the boss and is contacted by the cathode. This arrangement is particularly suitable for allowing a thin, flexible disposable cathode to be conveniently removed from the cell by means of the lid, without the user being exposed to contact with the silver or with the solution. <IMAGE>

IPC 1-7

C25C 7/00; **C25C 1/20**

IPC 8 full level

C25B 9/00 (2006.01); **C25C 1/20** (2006.01); **C25C 7/00** (2006.01); **C25C 7/02** (2006.01); **C25D 17/00** (2006.01)

CPC (source: EP US)

C25C 1/20 (2013.01 - EP US); **C25C 7/00** (2013.01 - EP US)

Citation (search report)

- [PX] EP 0882816 A1 19981209 - AGFA GEVAERT NV [BE]
- [A] US 4675085 A 19870623 - VASQUEZ ADALBERTO [US]
- [A] US 4802961 A 19890207 - WOOG MANFRED J [US], et al
- [DA] US 4372829 A 19830208 - COX JOHNNY C

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

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